



SEQUENCE LISTING

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Kurtzhals, Peter
Halstrom, John B.

<120> Peptide Derivatives

<130> 4409.214-US

<140> US 09/772,607
<141> 2001-01-30

<150> US 09/068,822
<151> 1998-05-14

<150> PCT/DK96/00106
<151> 1996-03-18

<150> DK 275/95
<151> 1995-03-18

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<223> Lys at position 15 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH

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Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Tyr Thr Ser Cys Lys
1 5 10 15

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<223> Lys at position 28 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH
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His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Ieu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys

20

25

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<211> 29

<212> PRT

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<222> LOCATION :29

<223> Lys at position 29 is modified with $N^{\epsilon}-\gamma-$ Glu(N^{α} - tetradecanoyl)-OH

<400> 3

Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly
1 5 10 15

Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys
20 25

<210> 4

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION: 8

<223> Xaa = Ala as a D-amino acid

<400> 4

Tyr Gly Gly Phe Cys Arg Arg Xaa Arg Pro Cys
1 5 10

<210> 5

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> LOCATION :6

<223> Lys at position 6 is modified with $N^{\epsilon}-\gamma-$ Glu(N^{α} - tetradecanoyl)-OH

<400> 5

Ala Pro Gly Pro Arg Lys
1 5

<210> 6

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MUTAGEN

<222> LOCATION: 1

<223> Xaa at position 1 is formylated Nle

<220>

<221> MUTAGEN

<222> LOCATION: 4

<223> Xaa at position 4 is Nle

<220>

<221> MOD_RES

<222> LOCATION: 6

<223> Lys at position 6 is modified with $N^{\epsilon}-\gamma-$ Glu(N^{α} - tetradecanoyl)-OH)

<400> 6

Xaa Leu Phe Xaa Tyr Lys
1 5

<210> 7

<211> 6

<212> PRT

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<221> MUTAGEN

<222> LOCATION: 1

<223> Xaa at position 1 is formylated Nle

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<221> MUTAGEN

<222> LOCATION: 4

<223> Xaa at position 4 is Nle

<400> 7

Xaa Leu Phe Xaa Tyr Lys

<210> 8

<211> 6

<212> PRT

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<221> MUTAGEN

<222> LOCATION :2

<223> Xaa = Ala as a D-amino acid

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<221> MOD_RES

<222> LOCATION :6

<223> Lys at position 6 is modified with $N^{\epsilon}-\gamma-$ Glu(N^{α} - tetradecanoyl)-OH)

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Tyr Xaa Gly Phe Leu Lys
1 5

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<211> 6

<212> PRT

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<221> MISC FEATURE

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<223> Tyr is modified with butoxycarbonyl

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<221> MUTAGEN

<222> LOCATION : 2

<223> Xaa = Ala as a D-amino acid

<400> 9

Tyr Xaa Gly Phe Leu Lys

<210> 10

<211> 6

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<222> LOCATION : 2

<223> Xaa = Ala as a D-amino acid

<400> 10

Tyr Xaa Gly Phe Leu Lys

<210> 11

<211> 10

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<221> MOD_RES

<222> LOCATION : 10

<223> Lys at position 10 is modified with N^ε-γ- Glu(N^α - tetradecanoyl)-OH

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Pro His Pro Phe His Phe Phe Val Tyr Lys

1

5

10

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<211> 10

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<221> MISC FEATURE

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<223> Pro at position 1 is modified with 9-fluorenylmethyloxycarbonyl

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Pro His Pro Phe His Phe Phe Val Tyr Lys
1 5 10

<210> 13

<211> 10

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<400> 13

Pro His Pro Phe His Phe Phe Val Tyr Lys
1 5 10

<210> 14

<211> 29

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<222> LOCATION:29

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Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly
1 5 10 15
Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys
20 25